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HALE URBAN DISTRICT COUNCIL

REPORT ON THE HEALTH

OF

HALE URBAN DISTRICT

FOR

THE YEAR 1963

1963

HALE URBAN DISTRICT COUNCIL

PUBLIC HEALTH COMMITTEE

Councillor J. S. PICKLES, LL.B. (Chairman).

" W. ASPINALL, M.ENG., A.M.I.E.E. (Vice-Chairman).

" E. P. ATKIN.

" J. P. BARKER.

" J. COATES.

" A. I. GREGORY, M.A.

" MISS B. S. HALL.

" W. A. L. SAWYER.

" MISS E. WILKINSON, J.P.

R. W. HORSEFALL - Solicitor
Clerk of the Council

W. H. PARRY, M.D., D.P.H., D.T.M. & H.
Medical Officer of Health

F. J. SEALEY, M.R.S.H., C.S.I.B.
Public Health Inspector and Cleansing Superintendent

MISS E. DRINKWATER
Clerk-Typist

STATISTICAL SUMMARY

1. GENERAL STATISTICS.

Area (Statute Acres)	2,264
Resident Population (Registrar General's Estimate, 1963)	15,570
Population (Census 1961)	14,800
Number of Inhabited Houses (Per Rate Books, 1963)	5,136
Number of Dwellings occupied by one private family (1961)	4,925
Rateable Value (1st April, 1964)	£699,151
Sum represented by a penny rate (1st April, 1964)	£2,880
Rate in the Pound (1st April, 1964)	10/10d

2. VITAL STATISTICS.

	Males.	Females.	Total.
Live-Births - Legitimate	126	141	267
Illegitimate	<u>3</u>	<u>4</u>	<u>7</u>
	129	145	274
	===	===	===
Live Birth-Rate (uncorrected)			17.6
Comparability Factor (Births)			1.06
* Standardised Live Birth-Rate corrected for comparability factor			18.7
Illogitimate Live Births per cent of total Live Births			2.55
	Males.	Females.	Total.
Stillbirths - Legitimate	3	1	4
Illegitimate	<u>-</u>	<u>-</u>	<u>-</u>
	3	1	4
	===	===	===
Still-Birth Rate per 1,000 live and still births			14.4
	Males.	Females.	Total.
Total Live and Still-Births	132	146	278
Total Deaths of Infants under one year of age			3
Total Deaths of Infants under 4 weeks of age			2
Total Deaths of Infants under 1 week of age			2
Infant Mortality Rate per 1,000 total live births			10.9
Infant Mortality Rate per 1,000 legitimate live births			11.2
Infant Mortality Rate per 1,000 illegitimate live births			Nil
Neo-mortality Rate (deaths under 4 weeks per 1,000 total live births)			7.3
Early Neo-mortality Rate (deaths under 1 week per 1,000 total live births)			7.3
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)			21.6
Maternal Deaths (including abortion)			2
Maternal Mortality Rate (including abortion) per 1,000 total live and still births			7.19
	Males.	Females.	Total.
Deaths	99	93	192
Comparability Factor (Deaths)			0.94
Crude Death-Rate			12.3
* Standardised Death-Rate corrected for comparability factor			11.6

* The standardised birth and death rates are arrived at after allowing for the age and sex distribution of the population, giving a fairer comparison with that of other areas.

HEALTH

EDUCATION

PUBLICATIONS BY THE MEDICAL OFFICER OF

HEALTH DURING YEAR 1963

"The Problems of Salmonella Food Poisoning".

The Medical Officer.

18th January, 1963.

"Brucellosis and Milk Sampling".

The Medical Officer

28th June, 1963.

"Brucellosis or Undulant Fever".

The Nursing Times.

22nd November, 1963.

"Salmonella Food Poisoning".

The Nursing Times.

6th December, 1963.

"Outbreak of Clostridium Welchii Food Poisoning".

The British Medical
Journal.

28th December, 1963.

To the Chairman & Members of Hale Urban District Council.

Mr. Chairman, Ladies & Gentlemen,

I have pleasure in presenting my report on the health of Hale Urban District for the year 1963.

Population.

The Registrar General estimates the population for mid-1963 at 15,570, an increase of 300 on 1962 and 880 on 1961.

Births.

Registered live births numbered 274 (129 male, 145 female) giving a standardised rate of 18.7 per 1,000 population, compared with 17.2 in 1962, an increase of 1.5. The rate for England and Wales was 18.2. The number of births in Hale for 1963 was the highest ever recorded, even exceeding the previous highest peak in 1962 by 16.

Of the 274 births, 267 (126 male, 141 female) were legitimate, and 7 (3 male, 4 female) were illegitimate. The percentage of illegitimate births fell to 2.55 compared with 3.87 in 1962, although higher than both 1961 (2.14%) and 1960 (1.08%).

There were 4 stillbirths (3 male, 1 female) - i.e. one less than in 1962. The rate was 14.4 per 1,000 total births compared with 19.0 in 1962. The rate for England and Wales was 17.3.

Deaths.

The number of deaths registered during the year was 192 (99 male, 93 female), a ratio to the population of 1 in 81 or a death rate per 1,000 of the population of 12.3, as compared with 13.1 in 1962 and an average of 13.4 for the previous 5 years. This was a reduction on the previous year which was the highest recorded (200).

There was 1 male death from Tuberculosis (aged over 50) during the year. This was the first Tuberculosis death since 1960.

There were 35 deaths from all forms of cancer as against 29 in 1962, 32 in 1961, and 34 in 1960 - a general overall increase. Deaths from cancer of the lung and bronchus numbered 8 (5 male, 3 female), as against 6 (5 male, 1 female) in 1962, and 7 (6 male, 1 female) in 1961. The death rate from all forms of cancer was 2.2 per 1,000 population and that from cancer of the lung and bronchus 0.51, compared with 2.2 and 0.52 respectively for the whole of the country.

There was a pleasing reduction in the number of deaths attributed to cerebro- and cardio vascular systems: 104 (55 male, 49 female), compared with 124 deaths (55 male, 69 female) occurred. Both cerebro-vascular lesions (30) and coronary artery disease deaths (30) fell compared with 1962 (36 cerebro-vascular and 38 coronary artery deaths).

Deaths from acute respiratory disease rose to 25 in 1963 compared with 14 in 1962 - these were mainly pneumonia and bronchitis and occurring in the main in elderly people.

It is pleasing to report that the number of deaths from motor vehicle accidents remained at 2 - the same as for 1962 - whereas over the whole of England and Wales the total rose.

Infant Mortality.

Deaths of infants under 1 year of age registered during 1963 number 3, as compared with 2 in 1962, and 1 in 1961. The rate per 1,000 live births for 1963 was 10.9, which was 3.2 higher than for 1962, whilst the rate of England and Wales was 21.1.

The number of neonatal deaths was 2 giving a rate of 7.3 per 1,000 live births. The figures for 1962 were 2 and 7.7, and for 1961 they were 1 and 4.29 respectively. The rate for England and Wales was 14.2.

Maternal Mortality.

It is very distressing to report 2 maternal deaths during the year. The first deaths for 7 years, the last being in 1956. This gives a maternal mortality rate of 7.19 per 1,000 total live and still births.

Details of these two deaths were as follows -

(a) Age 18 years - causes of death - pulmonary collapse and cardiac arrest following Caesarean delivery.

(b) Age 34 years - cause of death - Haemorrhage and shock.

Infectious Diseases.

The incidence of notifiable infectious disease rose during the year to 227 of which 212 (93%) were measles cases, compared with 52 in 1962 of which 34 (65%) were measles. In both years 14 cases of dysentery came to light and in 1963 pneumonia deaths increased by 5 to 10. The outbreak of measles was milder than that experienced in 1961 when 300 cases occurred.

Once again there were no cases of poliomyelitis or food poisoning reported.

There were 2 new cases of tuberculosis (male and female : both young persons below the age of 30) with 1 elderly male death. There are now 45 cases of Tuberculosis on the register (33 pulmonary, 12 non-pulmonary) a decrease of 2 on the previous year.

Fluoridation of water supplies.

During 1963 the vexed question of Fluoridation of water supplies was considered at considerable length by the Council. Much evidence for and against the addition of Fluoride to the water in concentrations of 1 p.p.m. was carefully sifted and examined. It was finally decided to recommend that Fluoride in the above concentration be added. However as Hale U.D.C. obtain their water from the City of Manchester Waterworks - it was necessary to await their decision on this important question as to whether or not they wished to add fluoride to their own supply. This has been deferred for 2 years.

Offices, Shops and Railway Premises Act 1963.

During the year, the final provisions of this very important Act which relates to Health and Welfare provisions together with minimum standards of permitted office accommodation were made known.

This Act mainly comes into force on 1st August 1964, and has already increased the responsibility of Mr. Sealey in relation to inspection and registration of all such premises within the Hale Urban District, of which it is estimated that there are 250 premises within the meaning of the Act.

.. - - - ..

I wish to thank Mr. Sealey your Public Health Inspector for his loyalty, help and advice throughout the year, and to Miss Drinkwater for her part in the preparation of tables and typing. My thanks are also extended to the Chairman & Members of the Health Committee for their unfailing support in providing the health services of the district.

I have the honour to be,

Your obedient servant,

W. H. PARRY,

Medical Officer of Health.

BIRTHS.

1963 Figures	Boys, 129;	Girls, 145;	Total 274
1962 Figures	" 134;	" 124;	" 258

When corrected with the comparability factor $\ast(1.06)$ the birth-rate for Hale for the year was 17.6 as compared with a provisional figure of 18.2 for England and Wales.

The number of births was the highest recorded in Hale, exceeding last year's figure of 258 by 16.

INFANT MORTALITY.

Three deaths occurred among children under one year of age during 1963, as compared with two the previous year. Cause of death in 2 cases was atelectasis, and in the other case cerebral haemorrhage.

The following tables give the infant mortality figures for this district during the last five years:-

1959.	1960.	1961.	1962.	1963.
4	2	1	2	3

DEATHS.

Males, 99; Females, 93; Total 192

This gives a crude death-rate of 12.3 per 1,000 of the population. When corrected with the comparability factor $\ast(.94)$ the standardised death-rate is 11.6 as compared with a figure (provisional) of 12.2 for England and Wales.

The number of deaths recorded was slightly less than last year's highest recorded figure of 200.

* The comparability factor takes account of the sex and age distribution of the population and makes the figures more comparable with that of other areas. The large proportion of deaths was due to conditions associated with old age.

CANCER (MALIGNANT DISEASE).

There were 35 deaths from Cancer (18 males, 17 females), as compared with 29 last year, and 32 in 1961.

Classified Deaths from Cancer

Localisation	M.	F.	Total
Stomach	4	2	6
Lungs	5	3	8
Breast	-	3	3
Generative Organs	-	1	1
Other Sites	9	8	17
TOTALS	18	17	35

RESPIRATORY DISEASES.

The deaths from these diseases, as compared with last year, are shown in the following table:-

	1963	1962
Pulmonary Tuberculosis	-	-
Pneumonia	10	5
Bronchitis	10	8
Other respiratory diseases	5	1
	25	14
	=====	=====

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

During the year 227 cases of Infectious Disease, other than Tuberculosis, were notified.
Details are as follows:-

Table of Notifiable Diseases (other than Tuberculosis)

Disease	No. Notified	Admitted to Hospital	Total Deaths
Dysentery	14	-	-
Typhoid Fever	-	-	-
Food Poisoning	-	-	-
Smallpox	-	-	-
Scarlet Fever	-	-	-
Whooping Cough	-	-	-
Diphtheria	-	-	-
Polio-myelitis - Paralytic	-	-	-
Non-Paralytic	-	-	-
Pneumonia	-	-	10
Puerperal Pyrexia	1	1	-
Erysipelas	-	-	-
Measles	212	-	-
TOTALS	227	1	10

There were again no cases of Poliomyelitis or Food Poisoning in the area during the year.

When requested, disinfection was carried out by spraying infected rooms with formalin solution and fumigating with vapour.

Disinfectants are supplied free to residents of Hale.

TUBERCULOSIS.

Particulars of new cases of tuberculosis and of deaths from the disease are given in the following table:-

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Years								
5 - 15	-	-	-	-	-	-	-	-
15 - 20	-	-	1	-	-	-	-	-
20 - 30	-	-	-	1	-	-	-	-
30 - 40	-	-	-	-	-	-	-	-
40 - 50	-	-	-	-	-	-	-	-
50 and over	-	-	-	-	1	-	-	-
TOTALS	-	-	1	1	1	-	-	-
				2		1		

At the end of the year there were 45 cases of Tuberculosis known, made up as follows:-

MALES		FEMALES		CHILDREN		TOTAL
Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	
12	2	19	5	2	5	45

The number of cases compares with the corresponding numbers in surrounding areas.

GENERAL PROVISIONS OF HEALTH SERVICES
IN THE AREA.

BACTERIOLOGICAL EXAMINATION IN DIAGNOSIS OF INFECTIOUS DISEASE.

Bacteriological tests are undertaken by the Public Health Laboratory, Monsall Hospital, Manchester, with the exception of specimens for the diagnosis of venereal diseases which are examined at the Laboratory at the Withington Hospital, Manchester.

The following is a statement of the bacteriological examinations carried out during the year.

Disease	Examinations		
	Total	Positive	Negative
Diphtheria	-	-	-
Scarlet Fever... ..	-	-	-
Enteric Fever... ..	73	-	73
Food Poisoning	77	4	73
Dysentery	96	23	73
Other Examinations	-	-	-
T O T A L S	246	27	219

NATIONAL ASSISTANCE ACT, 1948 - SECTION 47
NATIONAL ASSISTANCE ACT, 1951 - SECTION 1(3).

It was not necessary to resort to these powers regarding persons in need of care and attention.

NATIONAL HEALTH ACT SERVICES AND SERVICES
PROVIDED BY THE CHESHIRE COUNTY COUNCIL.

A. Services provided in accordance with the requirements of the National Health Service Act, 1946.

I. Hospital Services.

Controlling Body - Manchester Regional Hospital Board.

Local Hospitals - Governed by North West and Mid-Cheshire Hospital Management Committee:

Group Secretary - Mr. E. Foden, Administrative Offices,

Altrincham Maternity Home, Sinderland Road, Altrincham.

Hospitals serving this area:

General Acute Cases - Altrincham General Hospital and Denzell (Convalescent).

General Chronic Cases - Cranford Lodge, Knutsford.
Withington Hospital, Manchester.

Maternity Hospitals - Altrincham Maternity Hospital, Sinderland Road, Altrincham.
Southfields, Langham Road, Bowdon.

Ear, Nose & Throat - St. Anne's Home, Woodville Road, Altrincham.

Infectious Diseases - Monsall Hospital, Newton Heath, Manchester.

Smallpox - Kinsworth Smallpox Hospital, Near Bury.

A large proportion of patients from Hale are treated in the Manchester Hospitals.

II. General Practitioners and General Dental Services.

Controlling Body - National Health Service Executive Council for Cheshire.

Clerk - Mr. F. Hayter, 28 Nicholas Street, Chester.

III. Services of Local Health Authority - Cheshire County Council.

1. Ambulance Service - Ambulance Station, Manchester Road, Broadheath, Altrincham.
Telephone: Altrincham 3256.

* 2. Immunisation and Vaccination.

* 3. Care and After Care.

* 4. Home Help Service.

5. Maternity & Child Welfare - the detailed arrangements are as follows:-

The Child Welfare Centre is held every Wednesday at "Lister House", Broomfield Lane, Hale.

The Child Welfare Clinic for Halebarns is held at the Unitarian Schools, Hale Road, Halebarns, fortnightly on the first and third Thursday in each month.

6. Domiciliary Midwifery and District Nursing -

District Nurses - Hale: Mrs. S. J. McGrath, 1 Hawthorn Road, Hale.

Telephone: Altrincham 0906.

Halebarns: Mrs. J. Knowles, Flat 2, "Oakdell", Alan Drive, Hale.

Telephone: Ringway 2133.

7. Dental Service - Expectant and Nursing Mothers and Pre-School Children -

Dental Clinic - "Lister House", Broomfield Lane, Hale.

8. Mental Health Service -

Duly Authorised Officer for Mental Health - Mr. J. Thompson, 5 School Road, Sale.

Occupation Centre - Navigation Road, Altrincham.

These services are administered by the County Health Committee with the exception of those marked * which are administered by the Altrincham Divisional Health Committee.

The Divisional Health Committee area covers Hale U.D.C., Bowdon U.D.C., Altrincham M.B., Knutsford U.D.C., and Bucklow R.D.C., and includes members of these Authorities, members of the County Council and Co-opted Members.

Divisional Medical Officer - W. H. Parry, M.D., D.P.H., D.T.H. & H.

The Mount, Altrincham,

Telephone: Altrincham 5323 & 1981.

B. Other Services by other Committees of Cheshire County Council.

1. Education Committee - School Health Service, including School Dental Service -
"Lister House" Clinic, Broomfield Lane, Hale.

2. Welfare Committee - Old Persons, care and attention - homeless, handicapped persons,
provision for residential accommodation, etc.
County Welfare Officer - Mr. Evans, County Hall, Chester.

3. Children's Committee - Provides for the care of Deprived Children - i.e. children not
under parental care.
Children's Office for this area - 53/55 George Street, Altrincham.

TABLE 1
HALE URBAN DISTRICT

Causes of Death for the Year 1963

CAUSE OF DEATH	M.	F.	TOTAL
Respiratory Tuberculosis	-	-	-
Other forms of Tuberculosis	-	-	-
Syphilitic Disease	-	-	-
Diphtheria	-	-	-
Whooping Cough	-	-	-
Meningococcal Infections	-	-	-
Polionmyelitis	-	-	-
Measles	-	-	-
Other Infective & Parasitic Diseases	-	-	-
Cancer	18	17	35
Leukaemia	1	1	2
Diabetes	-	3	3
Vascular Lesions of Nervous System	11	19	30
Coronary Disease, Angina	25	5	30
Hypertension with Heart Disease	2	2	4
Other Heart Disease	14	21	35
Other Circulatory Diseases	3	2	5
Influenza	-	-	-
Pneumonia	5	5	10
Bronchitis	7	3	10
Other Diseases of Respiratory System	2	-	2
Ulcer of Stomach or Duodenum	-	-	-
Gastritis, Enteritis & Diarrhoea	2	-	2
Nephritis & Nephrosis	1	-	1
Hyperplasia of Prostate	1	-	1
Pregnancy, childbirth, abortion	-	2	2
Congenital Malformations	1	-	1
Other defined and ill defined diseases	4	10	14
Motor Vehicle Accidents	2	-	2
All other accidents	-	3	3
Suicide	-	-	-
TOTALS	99	93	192

TABLE 2.

HALE URBAN DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT during 1963 and previous years.

Year	Population middle of each year	BIRTHS			DEATHS ⁴			
		Number	Rate	Corrected Rate	Under 1 year of Age		At all Ages	
					Number	Rate per 1,000 births	Number	Rate Corrected Rate
Average) 1920 - 1929)	10,769	122	11.49	-	6	54.4	95	9.79
Average) 1930 - 1939)	11,262	116	10.32	-	3	28.9	119	10.49
Average) 1940 - 1949)	11,929	146	12.3	-	5	33.5	147	12.3
Average) 1950 - 1959)	12,207	139	11.4	12.6	3	23.4	161	13.3
1953	11,800	123	10.4	10.7	3	24.4	133	11.3
1954	11,900	121	10.4	12.1	4	33.0	164	13.8
1955	12,120	127	10.6	12.3	4	31.5	148	12.2
1956	12,220	162	13.4	15.6	3	18.5	165	13.5
1957	12,480	147	11.9	13.6	3	20.4	162	13.0
1958	12,650	144	11.4	13.1	2	13.4	183	14.5
1959	13,000	202	15.5	16.9	4	19.8	170	13.8
1960	13,380	185	13.8	14.8	2	10.8	178	13.3
1961	14,690	233	15.9	16.2	1	4.29	180	12.3
1962	15,270	258	16.9	17.2	2	7.7	200	13.1
1963	15,570	278	17.6	18.7	3	10.9	192	12.3
								11.6

Area of the District in acres (land and inland water) ... 2264 (Statute)

TABLE 3

Cases of INFECTIOUS DISEASE notified during the Year 1963

DISEASE	Total No. Cases notified	AGES - YEARS										WARD DISTRIBUTION					Cases removed to Hospital	Total Deaths	
		Und. 1	AGES - YEARS									Over 65	Central	North	South-East	South-West			
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45								45-65
Scarlet fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Pulmonary Tuberculosis	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis - Paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-Paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	14	-	2	-	-	7	-	-	-	2	3	-	-	1	9	4	-	-	-
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
Measles	212	2	10	28	32	33	100	7	-	-	-	-	-	33	23	133	23	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	229	2	10	30	32	33	107	7	1	4	3	-	-	34	32	140	23	-	10

REPORT OF PUBLIC HEALTH INSPECTOR

To the Chairman and Members of the
Hale Urban District Council.

Ladies & Gentlemen,

I beg to present my Annual Report for the year 1963 - my twenty-seventh as your Public Health Inspector.

New and projected legislation in respect of Shops, Offices and Railway Premises; and Housing, will add considerably to the duties of your sole Public Health Inspector - in a growing district now over 15,000 in population.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

There remain only two houses without mains water, both being several hundred yards from the nearest main.

Mains water is supplied by the Manchester Corporation, and a constant supply of excellent quality is maintained. Supply is in all cases direct to the house, standpipes being non-existent in the area.

One sample was taken by the Department during the year, and proved satisfactory.

I am indebted to the Engineer of the Manchester Corporation Waterworks for the following information with regard to the supply:-

Thirlmere and Haweswater Distributed Supplies

Typical analysis of the mixed supplies, as taken from house taps, is as follows:-

pH value	...	...	...	...	...	...	...	...	...	...	...	...	...	7.0
Colour as p.p.m. platinum	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Turbidity, p.p.m. silica scale	...	...	...	...	...	...	...	...	...	...	...	...	...	1.1
<u>Parts per million</u>														
Total solids dried at 180°C	...	...	...	...	...	...	...	...	...	...	...	...	...	38
Free acidity as CO ₂	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Alkalinity as CaCO ₃	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Total hardness as CaCO ₃	...	...	...	...	...	...	...	...	...	...	...	...	...	25
Chlorides as Cl ₂	...	...	...	...	...	...	...	...	...	...	...	...	...	7
Oxygen absorbed test, 4 hours at 27°C.	...	...	...	...	...	...	...	...	...	...	...	...	...	1.29
Silica as SiO ₂	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Iron as Fe	...	...	...	...	...	...	...	...	...	...	...	...	...	0.06
Manganese as Mn	...	...	...	...	...	...	...	...	...	...	...	...	...	0.01

The water supply is liable only to slight variations during the year.

Thirlmore water is neutralised with hydrated lime at the head works so as to give a pH value around 7 in the town area. Haweswater water has a similar pH value without neutralisation. The mixed water contains less than 0.2 p.p.m. lead after standing overnight in contact with lead service pipes.

There was an outbreak of diatoms, Asterionella, in Haweswater in the early spring and for a number of weeks the turbidity was higher than normal, around 2 p.p.m.

Two hundred and fifty four (254) bacteriological samples were collected in the area during the year with the following results:-

Total number of samples	...	...	...	...	...	...	...	254	
Samples free from coliform bacteria	...	...	...	...	...	...	...	244	96.1%
Samples free from faecal coli	...	...	...	...	...	...	...	253	99.6%
Samples with faecal coli present...	...	...	...	...	...	...	...	1	0.4%
Samples with non-faecal coli present	...	...	...	...	...	...	...	10	3.9%

Samples with Coli present:

No. of coli present in 100 mls of water	TYPES OF COLI PRESENT			
	Faecal Coli		Non-Faecal Coli	
	No. of samples	Per Cent	No. of samples	Per Cent
1	1	0.4	9	3.5
5	0	0	1	0.4
TOTALS	1	0.4	10	3.9

The above coliform bacteria were derived from "aftergrowths" in deposits in mains. On the same days as the 10 samples with coli present were taken, 35 other samples were also taken and these were coli-free and excellent.

The water supply has been of excellent chemical and bacteriological quality throughout the year.

SEWERAGE.

Schemes are before the Council for the reconstruction of the existing inadequate foul sewer from Hawley Lane to the Sewage Works, and for the relief of flooding during storm periods in the Delahays Road/Hoss Lane/Stamford Park area.

SEWAGE DISPOSAL.

The newly enlarged sewage disposal works at Bankhall Lane are adequate for the needs of the district.

Complaints were received with regard to smell nuisance from the sludge beds and digestion tanks, and additional equipment was installed at the works to minimise, if not entirely eradicate, the circumstances complained of.

SANITARY ACCOMMODATION.

At the end of the year there remain in the unsewered parts of the district 14 pail closets, two having been abolished during the year. Efforts continue to be made to persuade owners of these properties, where possible, to avail themselves of Improvement Grants for the provision of W.C's. in substitution for these pail closets, but in the absence of available sewers no statutory action can be taken.

CLEAN AIR.

The one remaining industrial chimney (oil-fired) has functioned quite satisfactorily during the year.

Complaints are still received regarding smoke from the chimneys to wood burning stoves at a cabinet factory in the district but these complaints are usually associated with lighting up periods, and do not in general produce dark smoke within the meaning of the Clean Air Acts.

No progress has been made with smoke control areas during the year, largely in view of the uncertainty of the solid smokeless fuel position.

ERADICATION OF BED BUGS AND OTHER INSECT PESTS.

No cases of bug infestation were discovered during the year. The help of the Department was sought on 49 occasions in eliminating other insects including wasps - Gannexane, Zaldocido and Cynag were successfully used.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS AND REGULATIONS.

There are several stables and one knacker's yard in the district.

Removal of refuse is undertaken at very frequent intervals. In all 22 inspections were made to knackers yard, stables, and other premises where animals are being kept.

PUBLIC HEALTH INSPECTIONS OF THE DISTRICT

SUMMARY OF ROUTINE INSPECTIONS.

Inspections of dwelling houses re complaints	...	...	...	...	...	...	...	...	333
Houses inspected under Housing Consolidated Regulations	...	...	...	...	...	...	...	...	2
Inspections re Council Housing Applications	...	...	...	...	...	...	...	...	43
Inspections and visits to Council Houses	...	...	...	...	...	...	...	...	106
Number of visits re infectious disease and food poisoning	...	...	...	...	...	...	...	...	119
Inspections re Improvement Grants & Loans for repairs...	...	...	...	...	...	...	...	...	64
Inspections re Certificates of Disrepair	...	...	...	...	...	...	...	...	6
Inspections of Schools	...	...	...	...	...	...	...	...	3
Inspections of farms	...	...	...	...	...	...	...	...	3
Inspections of dairies and milkshops	...	...	...	...	...	...	...	...	7
Inspections of milk vehicles	...	...	...	...	...	...	...	...	1
Inspections of premises re manufacture of Ice Cream	...	...	...	...	...	...	...	...	1
Inspections of premises re sale of Ice Cream	...	...	...	...	...	...	...	...	3
Inspections of Ice Cream vehicles	...	...	...	...	...	...	...	...	1
Inspections of bakehouses	...	...	...	...	...	...	...	...	32
Inspections of premises registered for manufacture of sausages, preserved and potted meat...	...	...	...	...	...	...	...	...	6
Inspections of butchers' shops	...	...	...	...	...	...	...	...	16
Inspections of fishmongers' shops or vehicles	...	...	...	...	...	...	...	...	6
Inspections of fried fish shop	...	...	...	...	...	...	...	...	2
Inspections of public houses	...	...	...	...	...	...	...	...	8
Inspections of other food shops and stores	...	...	...	...	...	...	...	...	40
Inspections of Hotels, Cafes, Restaurants and Factory Canteens	...	...	...	...	...	...	...	...	8
Inspections of School Canteens	...	...	...	...	...	...	...	...	2
Inspections of factories (with mechanical power)	...	...	...	...	...	...	...	...	32
Inspections of factories (without mechanical power)	...	...	...	...	...	...	...	...	-
Inspections of other work premises	...	...	...	...	...	...	...	...	-
Inspections re Outworkers	...	...	...	...	...	...	...	...	-
Inspections re drainage and septic tank installations...	...	...	...	...	...	...	...	...	27
Inspections of streams and watercourses	...	...	...	...	...	...	...	...	24
Inspections of houses re Rats and Lice	...	...	...	...	...	...	...	...	92
Inspections of other premises re Rats and Lice	...	...	...	...	...	...	...	...	73
Inspections of houses and shops re Insect Pests...	...	...	...	...	...	...	...	...	9
Inspections re refuse collection and removal	...	...	...	...	...	...	...	...	414
Inspections of refuse tip	...	...	...	...	...	...	...	...	404
Inspections of sewage works	...	...	...	...	...	...	...	...	6
Inspections of knackers' yard...	...	...	...	...	...	...	...	...	11
Inspections of stables	...	...	...	...	...	...	...	...	11
Inspections re keeping of animals	...	...	...	...	...	...	...	...	1
Inspections under Pet Animals Act	...	...	...	...	...	...	...	...	2
Inspections under Animal Boarding Establishments Act	...	...	...	...	...	...	...	...	1
Inspections under Petroleum Acts and Regulations	...	...	...	...	...	...	...	...	16
Miscellaneous Inspections and Visits	...	...	...	...	...	...	...	...	146
									2091
Revisits re work ordered or in progress	...	...	...	...	...	...	...	...	53
									2144

COMPLAINTS.

310 complaints were received and investigated during the year.

NOTICES.

Informal Notices served (including Verbal Intimations)	...	...	...	...	...	...	...	45
Statutory Notices served during the year	...	...	...	...	...	...	...	1
Informal Notices complied with during the year	...	...	...	...	...	...	...	40
Statutory Notices complied with during the year	...	...	...	...	...	...	...	1

IMPROVEMENTS.

HOUSING -

Brickwork repaired or repointed	...	...	...	...	...	...	...	...	...	2
Roofs repaired and rendered watertight	...	...	...	...	...	...	...	...	...	7
Windows or doors repaired	...	...	...	...	...	...	...	...	...	2
Rain water pipes repaired or renewed	...	...	...	...	...	...	...	...	...	1
Eaves gutters cleansed or repaired	...	...	...	...	...	...	...	...	...	4
Wall and ceiling plaster repaired	...	...	...	...	...	...	...	...	...	1
Baths provided	...	...	...	...	...	...	...	...	...	16
Washbasins provided	...	...	...	...	...	...	...	...	...	17
Hot water supply provided or repaired	...	...	...	...	...	...	...	...	...	16
Water pipes repaired	...	...	...	...	...	...	...	...	...	1
Food Storage accommodation provided	...	...	...	...	...	...	...	...	...	18
Wasps Nests exterminated	...	...	...	...	...	...	...	...	...	46
Disinfested - insect pests	...	...	...	...	...	...	...	...	...	3
Rats and Mice exterminated	...	...	...	...	...	...	...	...	...	87
Accumulations of manure or refuse, etc. removed	...	...	...	...	...	...	...	...	...	2

DRAINAGE -

Public Sewers cleansed	...	...	...	...	...	...	...	...	...	7
Choked drains - private sewers - cleared	...	...	...	...	...	...	...	...	...	16
Drains repaired	...	...	...	...	...	...	...	...	...	2
Septic tank plants cleansed or otherwise put in order	...	...	...	...	...	...	...	...	...	10
Land drains cleansed or repaired	...	...	...	...	...	...	...	...	...	2
Watercourses cleansed	...	...	...	...	...	...	...	...	...	1
Improved drainage provided	...	...	...	...	...	...	...	...	...	2

SANITARY CONVENIENCES -

Water closets repaired or cleansed	...	...	...	...	...	...	...	...	...	6
Pail closets abolished	2
Internal water closets provided	18

Ashbins provided	2
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Other Improvements	7
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298

HOUSING.

STATISTICS.

Number of New Houses erected during the year.

(a)	Total including numbers given separately under (b)												
(i)	By the Local Authority	...	...	...	...	...	...	...	...	...	...	...	Nil
(ii)	By other Local Authorities	...	...	...	...	...	...	...	...	...	...	...	Nil
(iii)	By other bodies and persons	...	...	...	...	...	...	...	...	...	...	...	47
(iv)	Extra Housing Units created by Flat Conversions, etc.	...	...	...	...	...	...	...	...	...	...	...	4
(b)	With State assistance under the Housing Acts	...	...	...	...	...	...	...	...	...	...	...	Nil
1.	Inspection of Dwelling-houses during the year:-												
(1)(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	...	...	...	...	...	...	...	119
(b)	Number of inspections made for the purpose...	...	...	...	...	...	...	...	...	...	...	...	119
(2)(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	...	...	...	...	...	...	...	...	...	...	...	2
(b)	Number of inspections made for the purpose...	...	...	...	...	...	...	...	...	...	...	...	2
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	...	...	...	...	...	...	...	2
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	...	...	...	...	...	...	65
2.	Remedy of Defects during the year without service of formal Notices:-												
	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	...	...	...	...	...	...	...	...	...	...	...	76

SLUM CLEARANCE.

The district has no slum clearance problem, there being very few of the older type houses which can be the subject of demolition procedure. During the year an undertaking not to re-let 2 houses considered unfit was accepted.

IMPROVEMENT GRANTS.

27 applications for standard grants and 2 for discretionary grants, were approved during the year. The last named two for improvements to rented properties. 15 standard grant and 2 discretionary grant schemes were completed during the year; as a result of these schemes 16 houses were provided with baths, 17 with washbasins, 18 with internal W.C's, 18 with proper food storage accommodation, and 16 with hot water supply.

CERTIFICATES OF DISREPAIR.

1 application was received for certificate of disrepair in pursuance of the Rent Act, 1957, and the appropriate certificate was issued. In 1 other case a certificate that the necessary repairs had been carried out was issued.

CARAVANS.

There are no caravans being used for living purposes in the district.

COMMON LODGING HOUSES.

There are no common lodging houses in the district.

FACTORIES ACTS, 1937 to 1959

During the year 32 inspections of factories and workplaces were made. No infringements were discovered.

1. INSPECTIONS for purposes of provisions as to health.

PREMISES (1)	Number on Register (2)	NUMBER OF		
		Inspect- ions (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	34	32	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
TOTALS	35	32	-	-

2. CASES IN WHICH DEFECTS WERE FOUND.

PARTICULARS	Number of Cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7) -					
(a) insufficient	-	-	-	-	-
(b) unsuitable or defective	-	-	-	-	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
TOTALS	Nil	Nil	Nil	Nil	Nil

OUTWORKERS.

2 outworkers resident in Hale were notified and the circumstances found to be satisfactory.

HAIRDRESSERS.

15 establishments are registered for Hairdressing under the Cheshire County Council Act, 1953.

MILK SUPPLY.

There are now no dairies in the area licensed by the County Council as pastourisers.

There are, however, 26 distributors retailing milk in Hale at the end of 1963, including 9 operating from premises in Hale.

BACTERIOLOGICAL EXAMINATION OF MILK.

46 samples of milk were taken for examination, by the County Council. All examinations proved satisfactory. The detailed results of 78 tests carried out were as follows:-

				Methylene Blue Test		Phosphatase Test		Tuberculosis		Turbidity Test		Total Examinations
				Satis- factory	Un-	Satis- factory	Un-	Nega- tive	Posi- tive	Nega- tive	Posi- tive	
					Satis- factory		Satis- factory					
T.T. (Pasteurised) Milk	...	20	-	20	-	-	-	-	-	-	40	
T.T. Milk	...	5	-	-	-	-	-	-	-	-	5	
Pasteurised Milk	...	12	-	12	-	-	-	-	-	-	24	
Sterilised Milk	...	-	-	-	-	-	-	9	-	-	9	
T O T A L S		37	-	32	-	-	-	9	-	-	78	

ICE CREAM PREMISES.

Ice Cream is now manufactured for sale at only 1 premises in the district. In that case the mix is pasteurised in accordance with the Ice Cream (Heat Treatment) Regulations, 1959 - new pastourising plant having been installed during the year. Ice Cream is also sold at 32 other premises in the district, in each case under satisfactory conditions.

INSPECTION OF MEAT AND OTHER FOODS.

There are no registered or licensed slaughterhouses in the district. In the main the 12 butchers obtain their meat supplies from Altrincham and Manchester. 16 inspections have been made of the shops and vehicles, and the meat exposed for sale was of reasonable quality.

FOOD HYGIENE REGULATIONS.

The following is a summary of the various food premises in the district:-

- 28 Grocers and General Provision Dealers.
- 12 Butchers.
- 15 Greengrocers and/or Fishmongers.
- 1 Fried Fish Shop.
- 6 Bread & Flour Confectionery Shops.
- 7 Bakehouses.
- 3 Cafes & Restaurants.
- 3 Registered Dairies.
- 35 Registered Ice Cream Vendors Premises.
- 5 Registered Sausage & Preserved Meat Manufacturing Premises.
- 7 Licensed Houses.

1 new bakehouse was opened during the year.

Improvements effected at food premises during the year included:-

Tiling of walls	...	...	...	1
Hot water provided	...	...	...	2
Washbasin provided	...	...	...	1
Additional W.C. provided	...	...	...	1
Other improvements	...	...	...	4

In all some 133 inspections were made of the various premises used for the preparation, storage or sale of food during the year.

All the licenced houses were inspected during the year at the request of the licensing justices, and reports, in the main satisfactory, were submitted to the justices on sanitary accommodation and food hygiene arrangements.

FOOD & DRUGS ACT, 1955 - SAMPLING.

The taking of samples under the Food and Drugs Act, 1955, is carried out by the Cheshire County Council.

I am indebted to Mr. H. Hughes, Chief Weights and Measures Inspector, Cheshire County Council for the following report on the work under this heading, carried out during the year:-

Name of Sample											Number of Samples obtained	Number of non- standard Samples
Apples	...	...	...	...	...	...	...	...	...	...	2	-
Borax B.P.	...	...	...	...	...	...	...	...	...	...	1	-
Carrots	...	...	...	...	...	...	...	...	...	...	1	-
Cauliflower	...	...	...	...	...	...	...	...	...	...	1	-
Cooling Powder	...	...	...	...	...	...	...	...	...	...	1	-
Egg Custard with Rice	...	...	...	...	...	...	...	...	...	...	1	-
Glycerine	...	...	...	...	...	...	...	...	...	...	1	-
Ice Cream	...	...	...	...	...	...	...	...	...	...	2	-
Ice Lollie	...	...	...	...	...	...	...	...	...	...	2	-
Iodised Throat Lozenges	...	...	...	...	...	...	...	...	...	...	1	-
Milk (fresh)	...	...	...	...	...	...	...	...	...	...	23	-
Plums (imported)	...	...	...	...	...	...	...	...	...	...	1	-
Rum	...	...	...	...	...	...	...	...	...	...	1	-
Sausages (mixed)	...	...	...	...	...	...	...	...	...	...	1	-
Sausages (pork)	...	...	...	...	...	...	...	...	...	...	3	1
T O T A L S											42	1

FOOD AND DRUGS ACT, 1955 - SAMPLING (Contd.)

Particulars of adulterated/Non-Standard Samples:-

1 - Sausage (Pork) - Contained undeclared preservative. Caution.

PUBLIC CLEANSING SERVICE.

The weekly emptying of ashbins was maintained throughout the year.

The work of the Department in this connection has grown considerably in the past few years, both in the number of houses covered and in the increased bulk of modern refuse. In addition the Council is called upon to an increasing degree to move surplus household goods and furniture. The work of supervising this service and the refuse disposal service has increased by an even greater amount, bearing in mind the labour problems of today.

The collection of refuse is carried out by the Local Authority over the whole district.

Cesspools and septic tanks are emptied free of charge by the Council as required. It is estimated that there are at present 100 houses in the district draining to cesspools or septic tanks, including only 1 "multiple property tank" in the district serving 14 houses.

REFUSE DISPOSAL.

Refuse disposal is by controlled tipping at Grove Lane. It was necessary for a short time during the year to tip into part of the water area. Every effort is made to cut the pond into segments by means of causeways made of inert tipping material. Although this tends to reduce the life of the tip, now estimated at 4 to 5 years, it is essential if we are to conduct future tipping operations without nuisance. Complaints during the year were few, and were largely directed to smoke from fires which are almost entirely deliberately ignited by trespassers at night and weekends. The Council has entered into joint discussions with Sale, Altrincham, Bowdon and Bucklow Councils with a view to considering joint refuse disposal arrangements for the future.

PETROLEUM STORAGE PREMISES.

Supervision of premises licensed for the storage of petroleum spirit is carried out by the Public Health Inspector. Licences are in force in regard to 18 premises, and in all but two of these storage is wholly underground.

All electrical pump installations are in receipt of certificates indicating that the wiring, etc., is satisfactory.

RODENT CONTROL.

The Council continued to treat dwelling houses infested with rats and mice, free of charge.

Treatment is carried out by one of the Council's workmen, trained in disinfestation methods.

Details are given hereunder of investigations and treatments carried out during the year :-

	TYPE OF PROPERTY				
	Non-Agricultural				Agricultural
	Local Authority	Dwelling Houses (inc. Council Houses)	All other (including Business Premises)	Total of Cols. (1) (2) & (3)	
	(1)	(2)	(3)	(4)	(5)
I. Number of properties in Local Authority's District	3	5251	458	5712	18
II. Total number of properties inspected as a result of notification	1	92	1	94	-
Number of such properties found to be infested by :-					
Common rat Major	-	-	-	-	-
Minor	1	68	1	70	-
Ship rat Major	-	-	-	-	-
Minor	-	-	-	-	-
House mouse Major	-	-	-	-	-
Minor	-	24	-	24	-
III. Total number of properties inspected in the course of survey under the Act	-	-	-	-	-
IV. Total number of properties otherwise inspected (e.g. when visited primarily for some other purpose)	1	-	72	73	3
V. Number of infested properties (in Sections II, III & IV) treated by the Local Authority	-	-	-	-	-
VI. Number of notices served under Section 4 of the Act :					
(a) Treatment	-	-	-	-	-
(b) Structural work (i.e. Proofing)	-	-	-	-	-
VII. Number of cases in which default action was taken following the issue of a notice under Section 4 of the Act	-	-	-	-	-
VIII. Legal Proceedings	-	-	-	-	-
IX. Number of "Block" control schemes carried out	-	-	-	-	-

I am, Ladies & Gentlemen,

Your obedient servant,

F.J. SEALEY,

Public Health Inspector.

